

Comparisons of Job Characteristics

Focus Occupation: [Computer Support Specialists \(15-1041\)](#)

Associated Occupation: [Computer Operators \(43-9011\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 96

Focus Occupation: Computer Support Specialists (15-1041)

Associated Occupation: Computer Operators (43-9011)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Computers and Electronics	8.4	17.1	22.0	>> Current knowledge level is likely more than sufficient
Customer and Personal Service	11.3	14.3	18.9	>> Current knowledge level is likely more than sufficient
Clerical	7.3	13.8	11.8	< Expanded education and/or training may be required
Telecommunications	3.9	7.4	11.2	>> Current knowledge level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 72

Focus Occupation: Computer Support Specialists (15-1041)

Associated Occupation: Computer Operators (43-9011)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operation Monitoring	6.6	12.2	7.3	<< Extensive development of skills in this area may be required
Monitoring	9.9	11.9	9.8	< A higher skill level may be required
Operation and Control	5.4	9.6	6.7	<< Extensive development of skills in this area may be required
Quality Control Analysis	5.9	9.4	7.3	< A higher skill level may be required
Systems Analysis	6.5	9.2	8.4	0 Current skill level may be sufficient
Troubleshooting	4.5	9.1	7.7	< A higher skill level may be required
Programming	2.2	6.6	3.9	<< Extensive development of skills in this area may be required

Management of Material Resources	3.7	6.1	3.1	<<	Extensive development of skills in this area may be required
----------------------------------	-----	-----	-----	----	--

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 92			
Focus Occupation: Computer Support Specialists (15-1041) Associated Occupation: Computer Operators (43-9011)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Problem Sensitivity	11.1	12.2	10.8	<	Some improvement in abilities may be required
Oral Comprehension	12.5	11.9	14.3	>	Current ability level is likely sufficient
Near Vision	11.1	11.8	11.5	0	Current ability level may be sufficient
Oral Expression	12.4	11.7	14.3	>	Current ability level is likely sufficient
Selective Attention	8.7	11.6	9.1	<	Some improvement in abilities may be required
Information Ordering	9.9	11.1	11.2	0	Current ability level may be sufficient
Written Comprehension	11.0	11.0	12.9	>	Current ability level is likely sufficient
Perceptual Speed	7.4	10.6	8.0	<<	Extensive improvement in abilities may be required
Flexibility of Closure	7.8	9.8	7.9	<	Some improvement in abilities may be required
Memorization	5.6	7.2	6.1	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 81
Focus Occupation: Computer Support Specialists (15-1041) Associated Occupation: Computer Operators (43-9011)		
Work Activities	Exclusivity of Activity	
Communicate technical information	4	
Follow data storage procedures	75	
Maintain or repair computers or related equipment	81	
Monitor computer operation	85	
Provide technical support to computer users	80	
Test computer programs or systems	78	
Use computers to enter, access or retrieve data	3	
Use knowledge of mainframe computers	78	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 79

Focus Occupation: Computer Support Specialists (15-1041)
Associated Occupation: Computer Operators (43-9011)

Tools and Technologies	Exclusivity
Business function specific software	1
Computers	1
Content authoring and editing software	1
Data management and query software	1
Development software	4
Information exchange software	1
Media storage devices	21
Network applications software	1
Network management software	37
Networking software	21
Operating environment software	12
Personal communication devices	2
Utility and device driver software	17

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.